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SpecTk 1.6.0

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MICHIGAN STATE
### U N I V E R S I T Y

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Issues

Issue

- It was discovered that multiplicity differed between SpecTk and Xamine
- Upon Further examination all graphs are different between the two programs
- The issue is caused because when SpecTk get the data from SpecTcl the channel list starts at 1 instead of 0
- Because of the shift SpecTk plots everything one to the right
- Calculated values aren't affected only the the displayed plots

Xamine
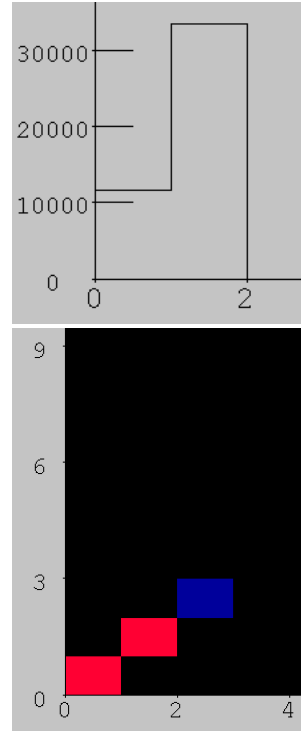
SpecTk 1.5.1
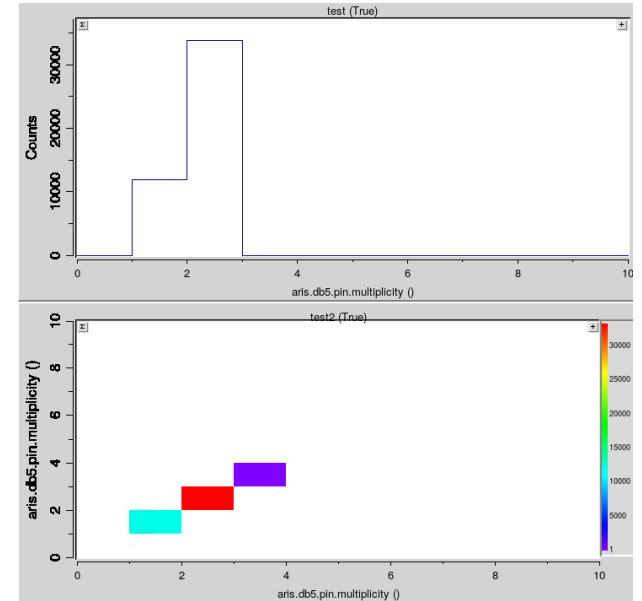
Changes

Remove ROIs

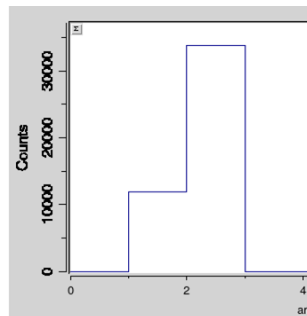- Added a Remove ROI tool that removes all ROIs present in the config

Plot Changes

- Adjusted how SpecTk reads in the channel list from SpecTcl, so that the plots no longer are shifted to the right by 1 bin.
- No Calculations were affected!

Future Updates

- Fix the index error at high bin counts
- Possibly address the difference in expectation value and other calculations between Xamine and SpecTk

SpecTk 1.5.1 → SpecTk 1.6.0

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